

BIOGRAPHICAL SKETCH

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NAME Glenn D. Wera, MD	POSITION TITLE Assistant Professor, Case Western Reserve University, Section Chief of Orthopaedic Surgery Cleveland Veterans Affairs		
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Stanford University, Stanford, California	BA	1995-1999	Human Biology
University of Illinois College of Medicine, Chicago, Illinois	MD	1999-2003	Medicine
Case Western University School of Medicine, Cleveland, Ohio	Internship, Residency	2003-2008	Orthopaedic Surgery
Rush University, Chicago, Illinois	Fellowship	2008-2009	Adult Reconstructive Surgery

A. Personal Statement

The diagnosis of infection versus inflammation of both native and peri-prosthetic joints is an ongoing challenge. A wide variety of tests attempt to assay markers of inflammation such as interleukins, and differential of leukocytes and their byproducts. This proposal is unique in that it may allow us to quantify the presence of CD8+ cytotoxic T cells which offer the potential of a highly specific and virtually instantaneous marker of infection as opposed to inflammation. The clinical utility of this research stems from potential cost savings and on-site or even bedside confirmation of peri-prosthetic infection.

B. Positions and Honors**Positions**

2009-present Assistant Professor, Department of Orthopaedics, Case Western Reserve University School of Medicine, Cleveland, Ohio

2009-present Orthopaedic Surgeon, University Hospitals Case Medical Center, Cleveland, Ohio (Adult Reconstructive Surgery; Arthritis of the Hip and Knee)

2011-present Section Chief, Orthopaedic Surgery, Wade Park Veterans Affairs Medical Center, Cleveland, Ohio

Other Experience and Professional Memberships

Reviewer, *The Journal of Arthroplasty*, 20011-present

Reviewer, *Clinical Orthopaedics and Related Research*, 2009-present

Co-author of 17 accepted abstracts (presented at meetings of the American Academy of Orthopaedic Surgeons, Orthopaedic Trauma Association, Joint Arthroplasty Young Investigators Conferences, Mid-America Orthopaedic Association)

Director of Orthopaedic Acting Internship for Medical Students at Case Western Reserve University

Fellowship Director, Case Western Reserve University Adult Reconstruction Fellowship

American Board of Orthopaedic Surgery Standards Setting Committee, 2012

Honors

Lloyd M. Nyhus Prize in Surgery, University of Illinois College of Medicine, Chicago, 2003

Henderson Prize, Mid-America Orthopaedic Association: An Algorithmic Approach to the Unstable Total Hip Arthroplasty, April 2010

Gender Equity Award: Case Western Reserve University School of Medicine Women's Faculty Award 2010

C. Selected Peer-reviewed Publications

Phillips WT, Kiratli BJ, Sarkarati M, **Weraarchakul G**, Myers J, Franklin BA, Parkash I, Froelicher V. Effect of Spinal Cord Injury on the Heart and Cardiovascular Fitness. *Current Problems in Cardiology* 1998 Nov; 23(11):641-716.

Wang F, **Wera G**, Knoblich G, Chou LB. Pulmonary Embolism Following Operative Treatment of Ankle Fractures: A Report of 3 Cases and Review of the Literature. *Foot and Ankle International* 2002 May; 23(5):406-10.

Mohler DG, Yaszay B, Hong R, **Wera G**. Intercalary Tibial Allografts Following Tumor Resection: The Role of Fibular Centralization. *Orthopedics* 2003 Jun; 26(6):631-7.

Taub M, **Wera G**, Dauskardt RH, Mohler DG. Failure of Medullary Tubes. A Materials Analysis. *Injury* 2004 Sep; (35)9:878-82.

Wera G, Mohler DG, Chou LB. Surgical Treatment of Post-Radiotherapy Nonunions of the Clavicle. *Bull Hosp Jt Dis.* 2005; 62(3-4):125-30.

Wera GD, Dean CL, Cassinelli EH, Liu R, Ahn NU. Cauda Equina Syndrome Resulting from Treatment of Dural Ectasia with Fibrin Glue Injection. *J Spinal Disord Tech.* 2006 Apr;19(2):148-50.

Dean C, Cassinelli E, **Wera G**, Furey C, Bohlman H, Ahn N. Anatomy of the C2 Vertebra and Odontoid Process With Relation to Odontoid Screw Placement: A Cadaveric Study of 3,389 Adult Specimens [abstract]. *Spine J.* 2006;6:69S.

Wera GD, Dean CL, Ahn UM, Marcus RE, Cassinelli EH, Bohlman H, Ahn NU. Reherniation and Failure Following Lumbar Discectomy: A Comparison of Fragment Excision Alone Versus Subtotal Discectomy [abstract]. *Spine J.* 2006;6:103S.

Wera GD, Friess DM, Getty PO, Armstrong DG, Lacey SH, Baele HR. Fracture of the Proximal Humerus with Injury to the Axillary Artery in a Boy Aged 13 Years. *J Bone Joint Surg Br.* 2006 88-B: 1524-1526.

Wera GD, Sontich JK. Tibiotalar Arthrodesis Using A Custom Blade Plate. *J Trauma* 2007 Dec; 63(6):1279-82.

Wera GD, Marcus RE, Ghanayem AJ, Bohlman HH. Failure Within One year Following Subtotal Lumbar Discectomy. *J Bone Joint Surg Am.* 2008 Jan;90(1):10-5.

Wera GD, Dean CL, Ahn UM, Marcus RE, Cassinelli EH, Bohlman HH, Ahn NU. Reherniation and Failure Following Lumbar Discectomy: A Comparison of Fragment Excision Alone Versus Subtotal Discectomy. *J Spinal Disord Tech.* 2008 Jul;21(5):316-319.

Wera GD, Ting NT, Della Valle CJ, Sporer SM. External Iliac Artery Injury Complicating Prosthetic Hip Resection for Infection: A Report of Two Cases. J Arthroplasty 2009 May 21.

Ting NT, **Wera GD**, Levine B, Della Valle C. Early Experience with a Novel Non-Metallic Cable in Reconstructive Hip Surgery. Clin Orthop Relat Res. 2010 Sep;468(9):2382-6. (PMCID = PMC2919859)

Wera GD, Gillespie RJ, Petty C, Kraay MJ, Petersilge WJ, Goldberg VM. Revision of Hip Resurfacing Arthroplasty. Am J Orthop. 2010;39(8):E78-E83.

Wera GD, Ting NT, Moric M, Paprosky WG, Sporer SM, Della Valle CJ. Classification and Management of the Unstable Total Hip. J Arthroplasty 2012 May;27(5):710-5. Epub 2011 Oct 29.

Bawa HS, **Wera GD**, Kraay MJ, Marcus RE, Goldberg VM. Predictors of Range of Motion in Patients Undergoing Manipulation After TKA. Clin Orthop Relat Res. 2012 Sep 12. [Epub ahead of print].